

Machine Learning Engineer (PhD Grad opportunity)

Summary:

The Machine Learning Engineer will work with Visual Defence's Research and Development team under the guidance of the company's Director of Research and Development. The Machine Learning Engineer will help to develop, fine-tune and improve on Visual Defence's artificial intelligence products and platforms. Visual Defence's particular use cases of machine learning revolves around images and computer vision systems.

Minimum Requirements

- Strong, hands-on experience working with Tensorflow
- Strong, hands-on experience working with Python.
- Experience with machine learning pertaining to images.
- Experience with object detection, classification and segmentation applications.
- Strong verbal and written communication skills.

Preferred

- PhD degree in Computer Engineering, Computer Science, or equivalent program within the last five years (or relevant experience)
- Strong organizational skills, with the ability to meet tight deadlines.
- Excellent attention to detail and interpersonal skills.
- Understanding of programming principals.
- Knowledge of Windows operating systems and domain environments an asset.
- Self-starter and demonstrate effective time management.
- Takes rational approach.
- Fast learner.

Key responsibilities include

- Actively participate in the development of Visual Defence's machine learning platform Inferware (see <https://www.vidiai.com/inferware>) and its use cases.
- Review and improve platform architecture, functionalities, and workflows.
- Review and optimize models architectures and settings.
- Fine-tune models generated for production use cases.
- Knowledge sharing and mentoring to other team-mates.

Benefits

- Health and Dental benefits